Figure 1

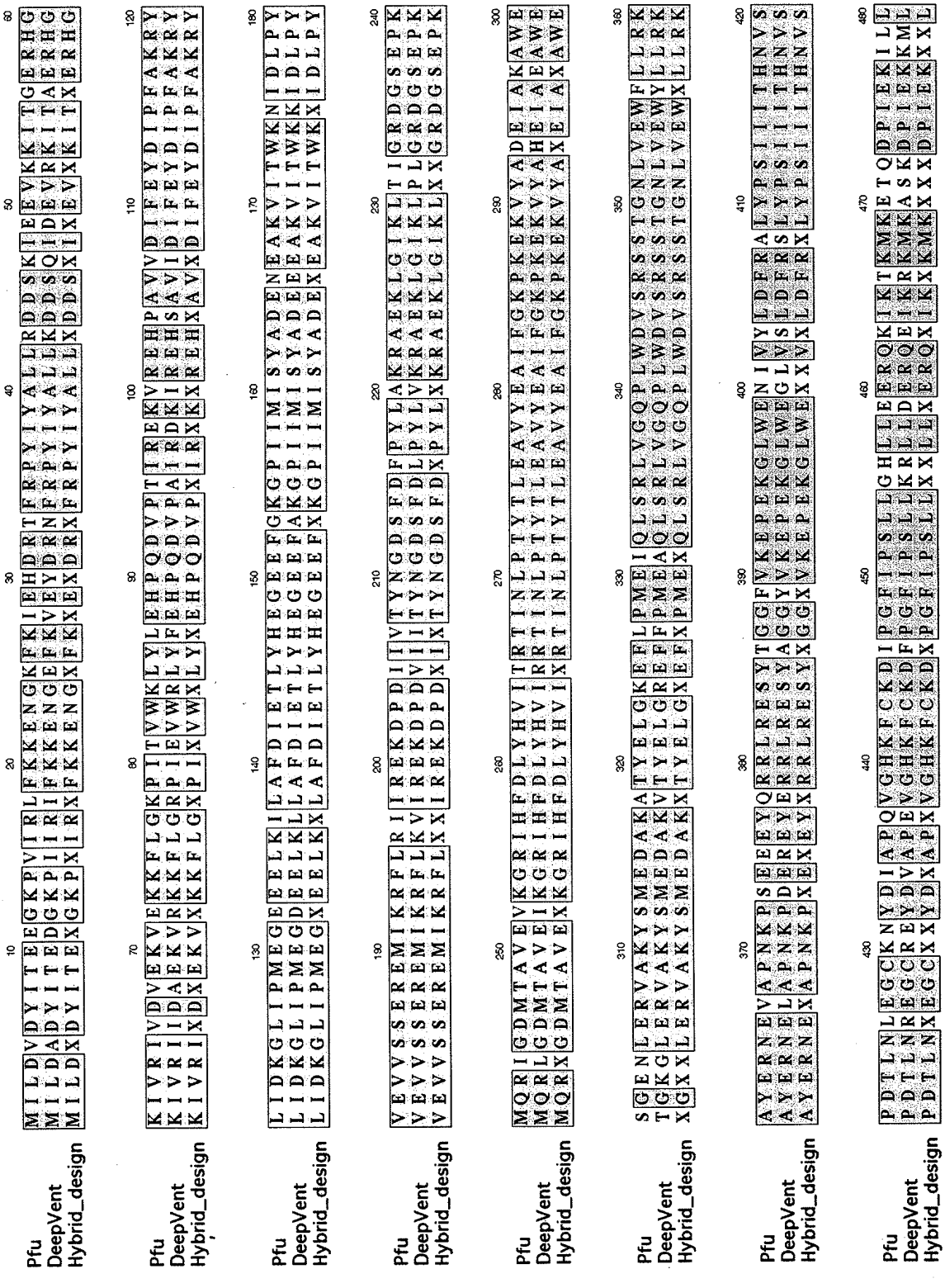

Figure 1 (cont'd)

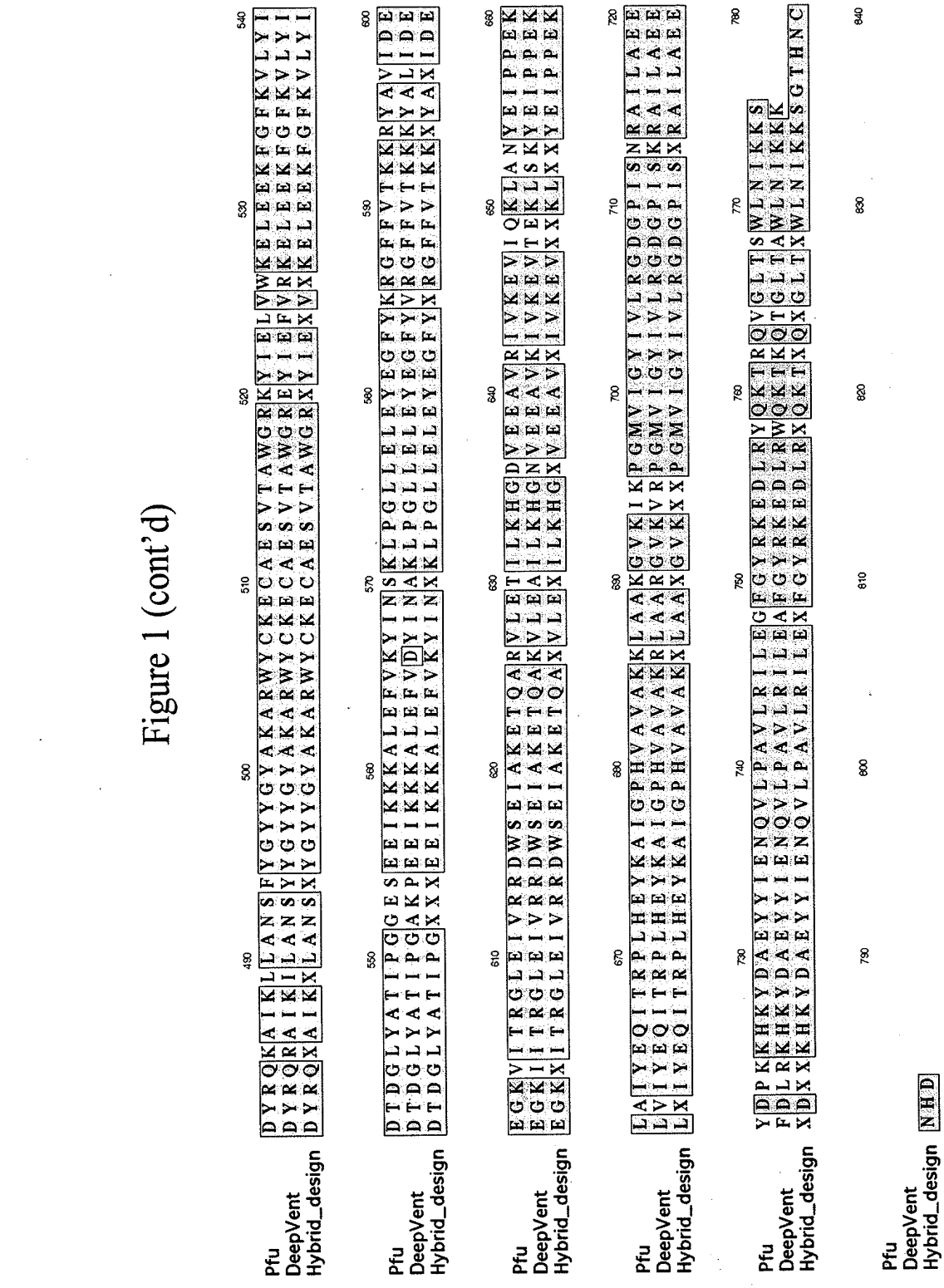

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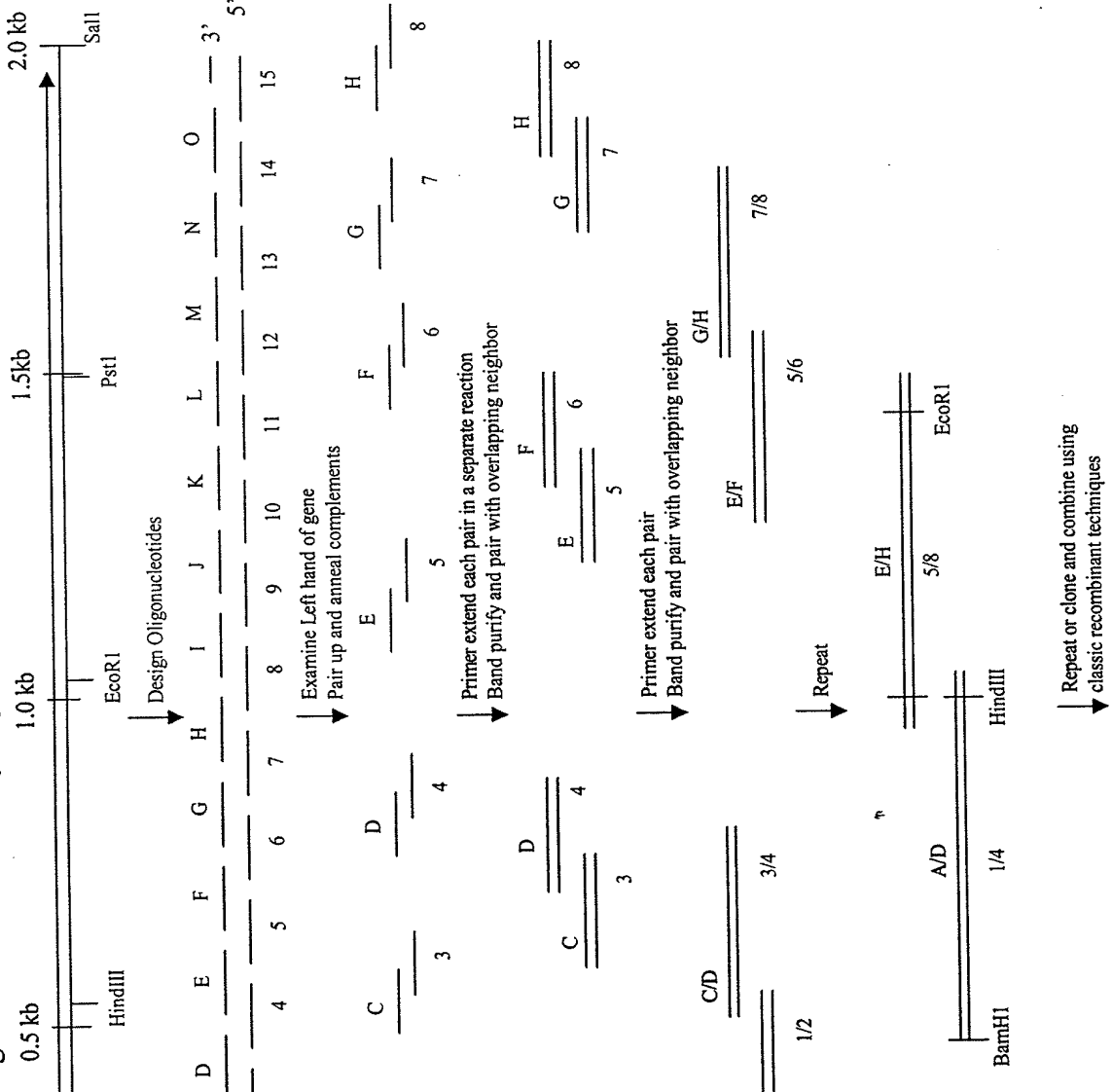
Figure 2. Assembly of the oligonucleotides into library fragments.



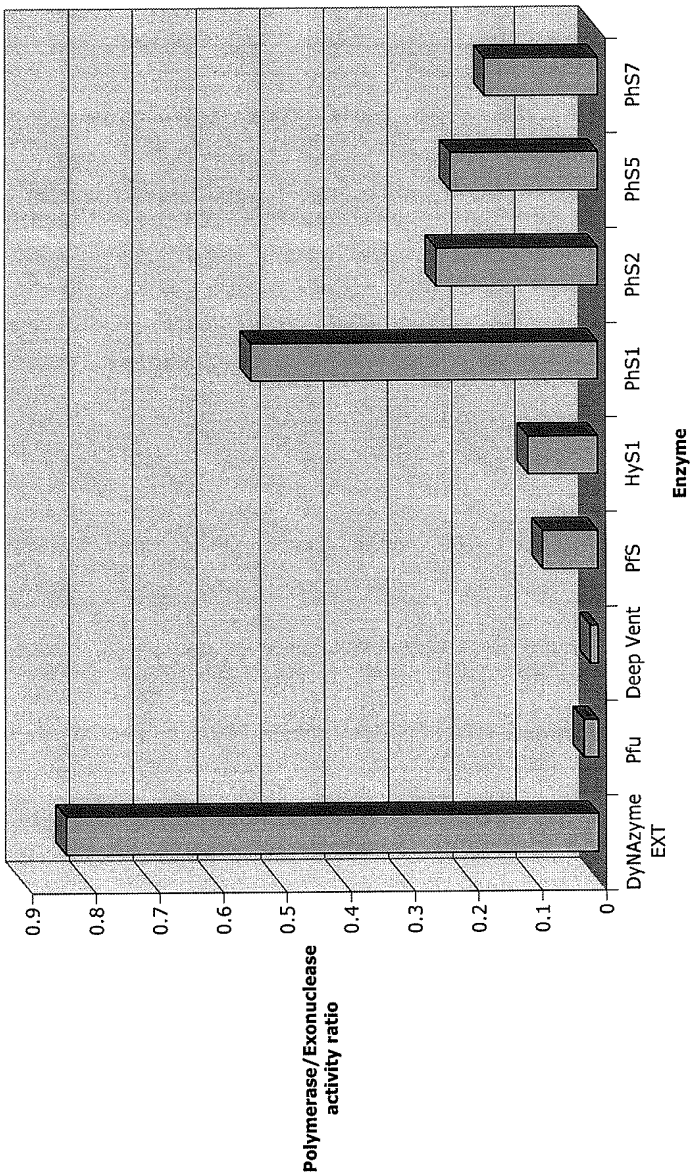


Figure 3. A comparison of the polymerase to 3' to 5' exonuclease activity

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FIGURE 4

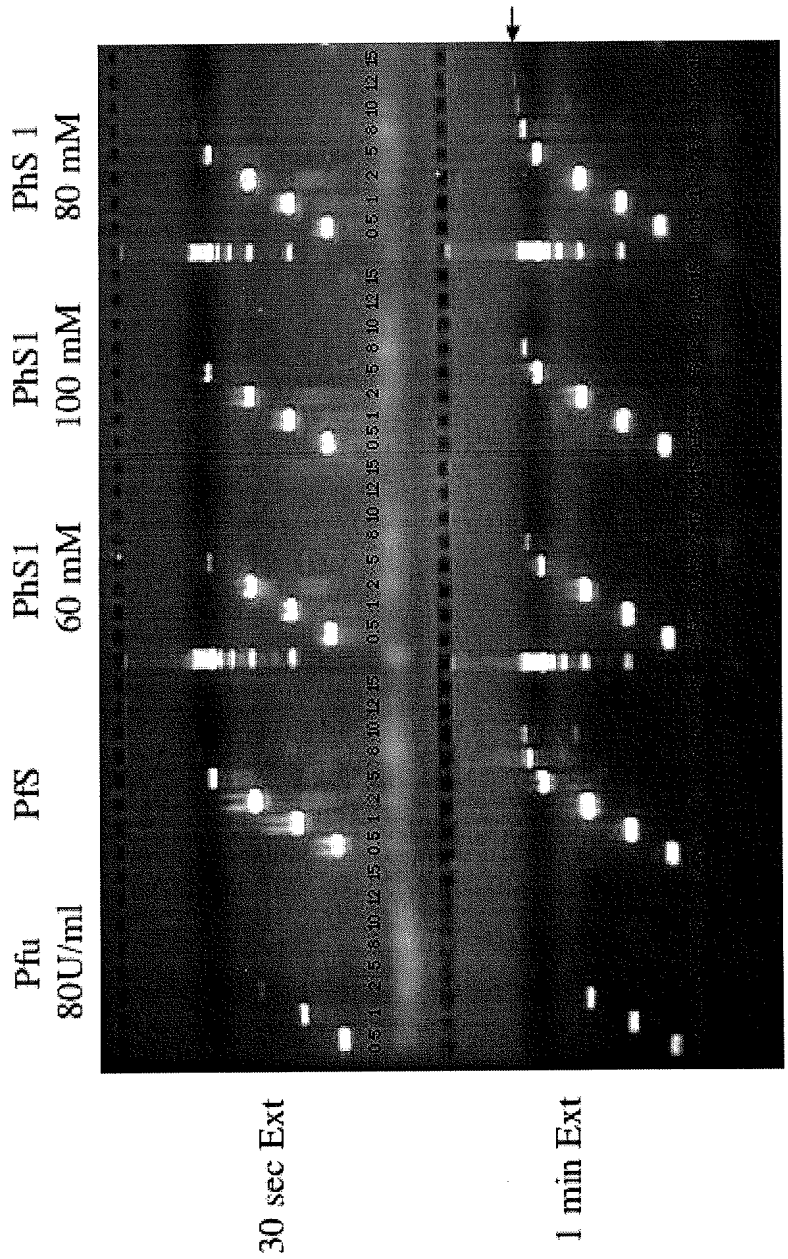
Pfu 80U/ml
Pfs
PhS1 60 mM
PhS1 100 mM
PhS 1 80 mM
30 sec Ext
1 min Ext

Figure 5

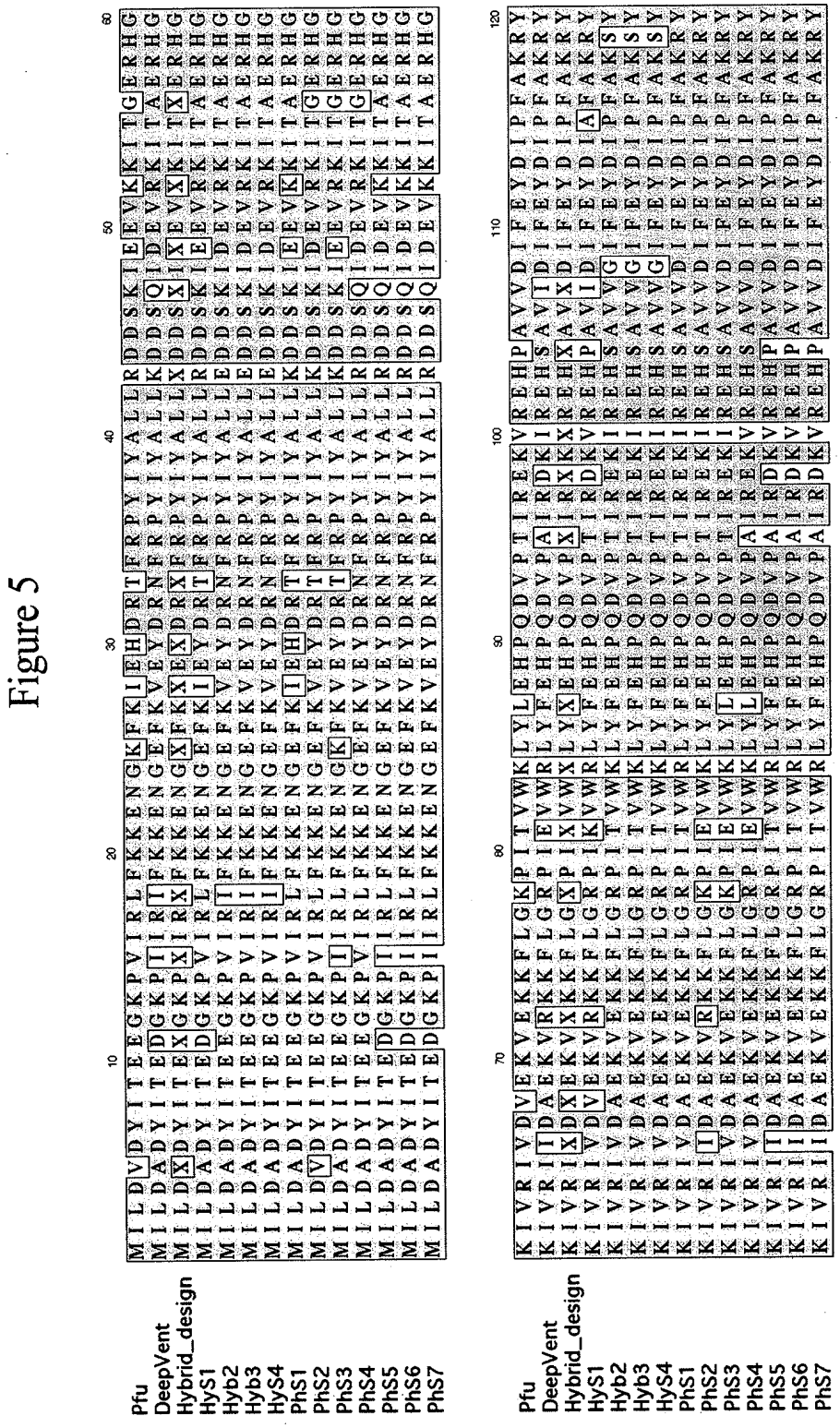
Pfu
DeepVent
Hybrid_design
HyS1
Hyb2
Hyb3
HyS4
PhS1
PhS2
PhS3
PhS4
PhS5
PhS6
PhS7

Figure 5 (cont'd)

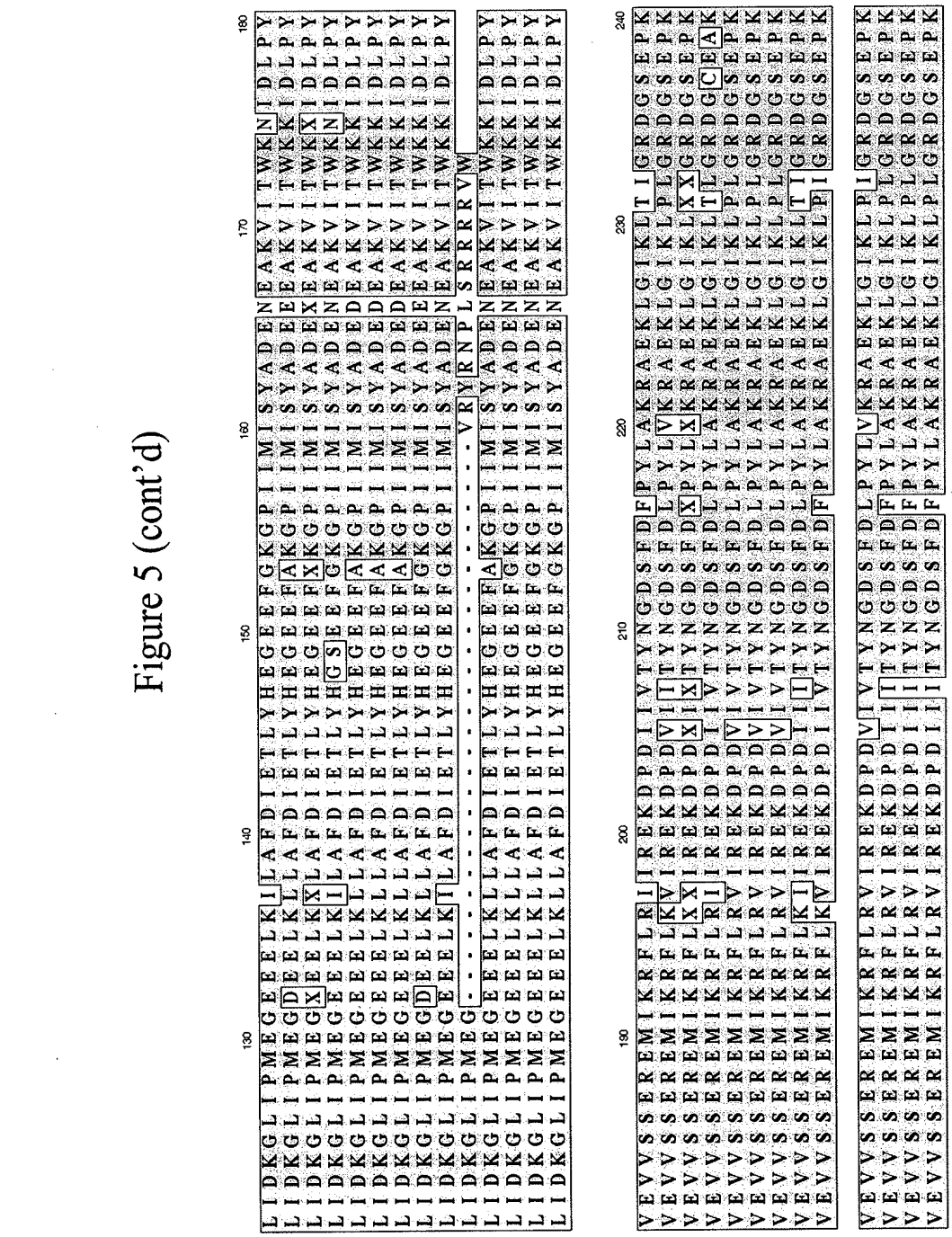

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Figure 5 (cont'd)

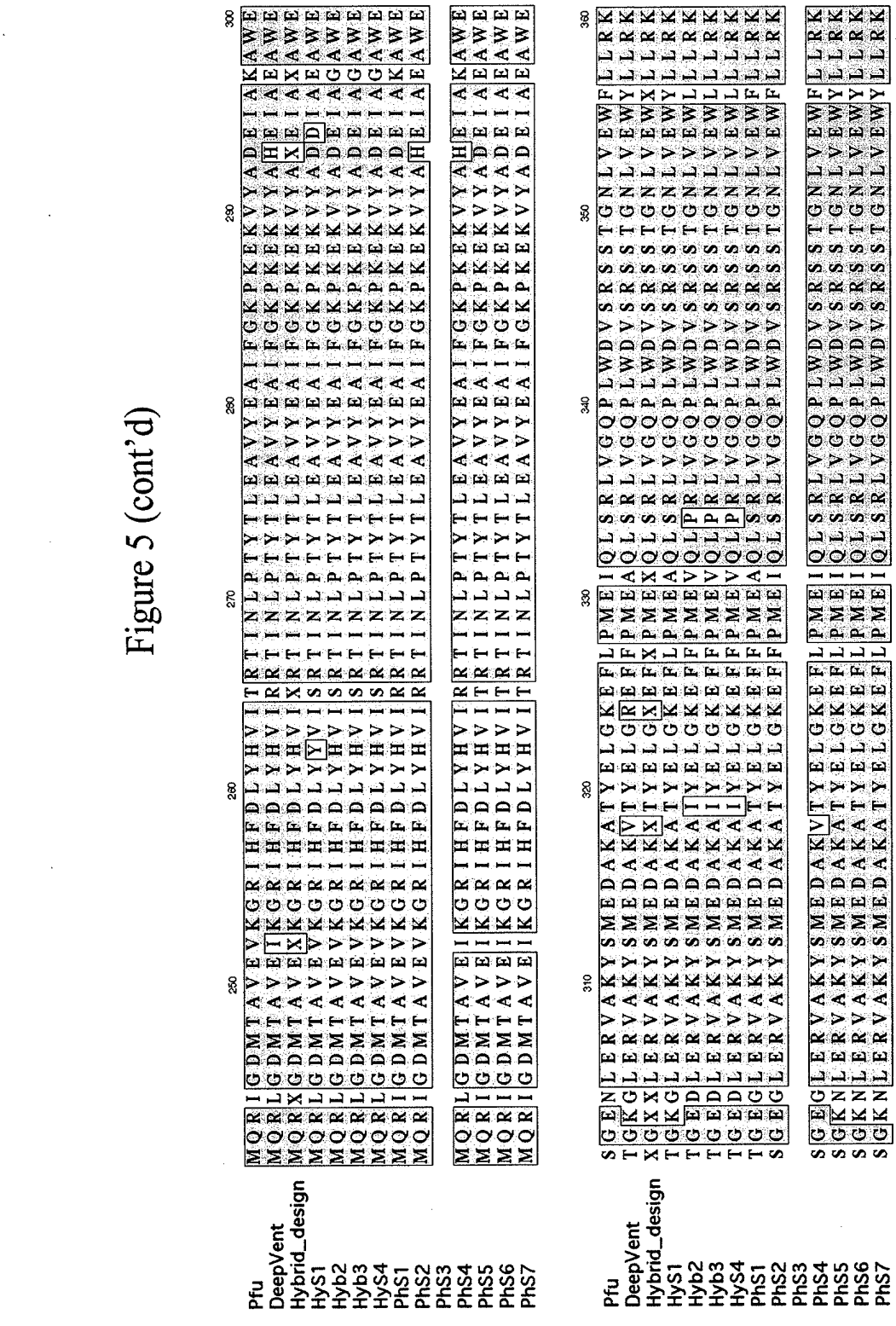

Figure 5 (cont'd)

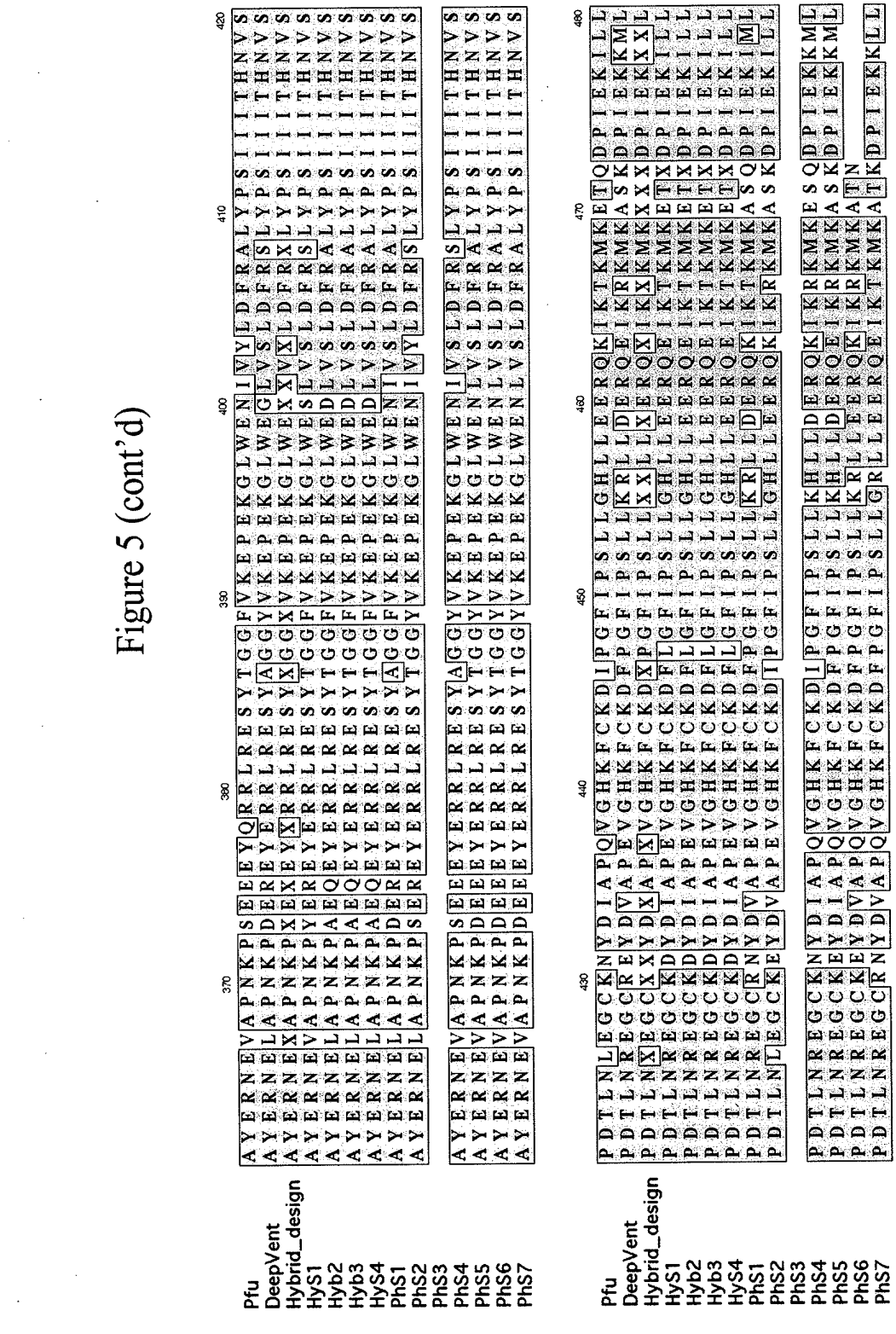

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Figure 5 (cont'd)

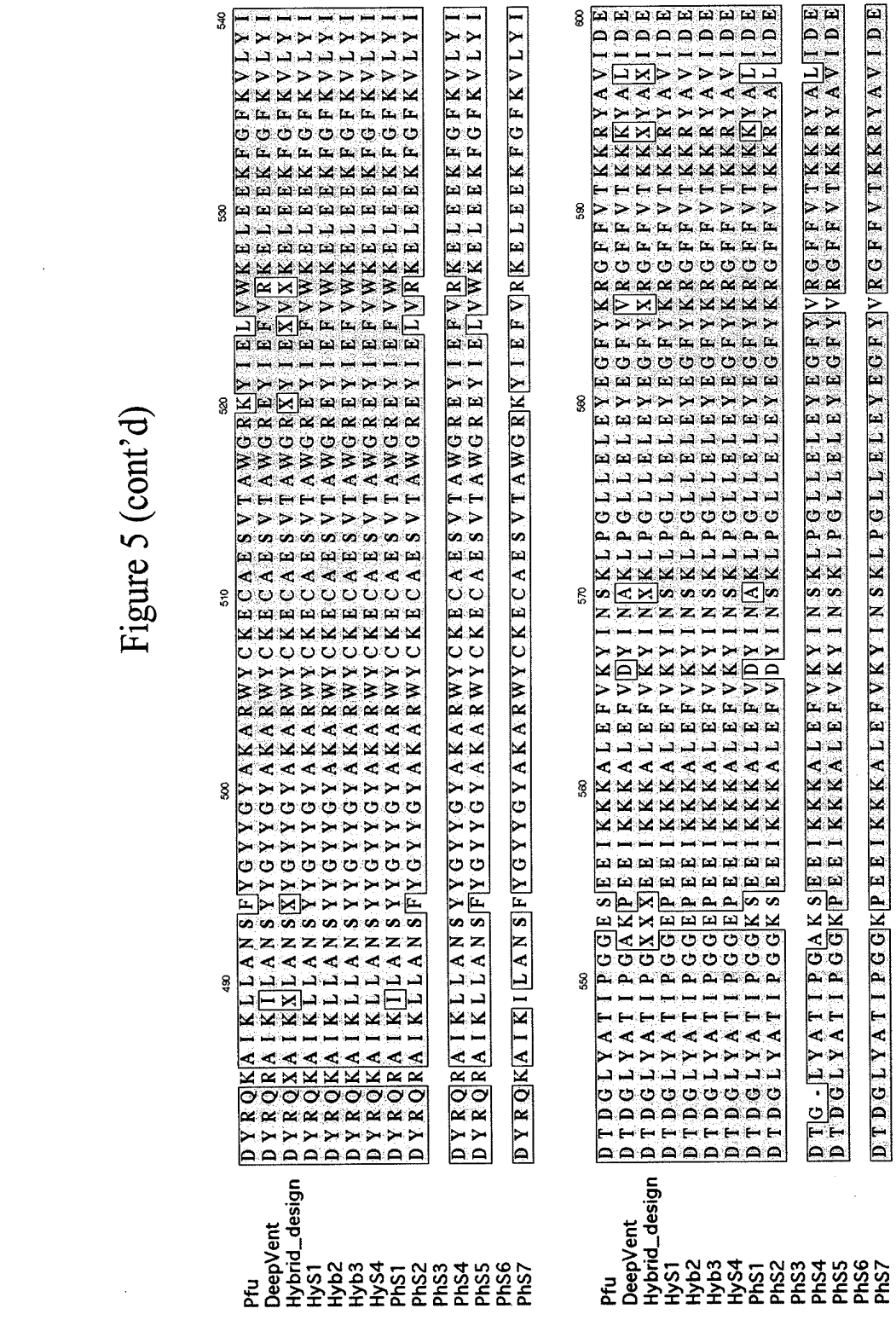


Figure 5 (cont'd)

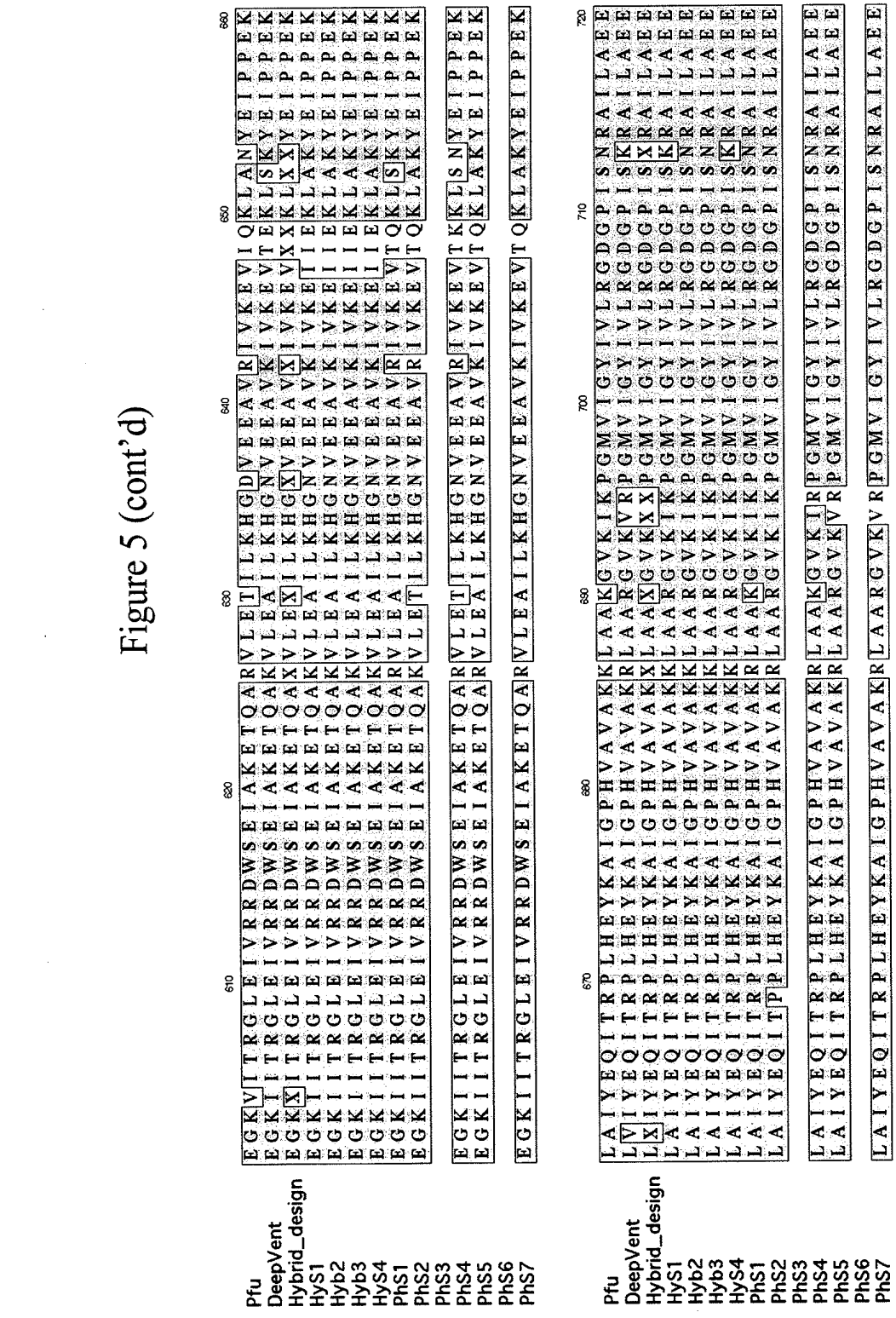
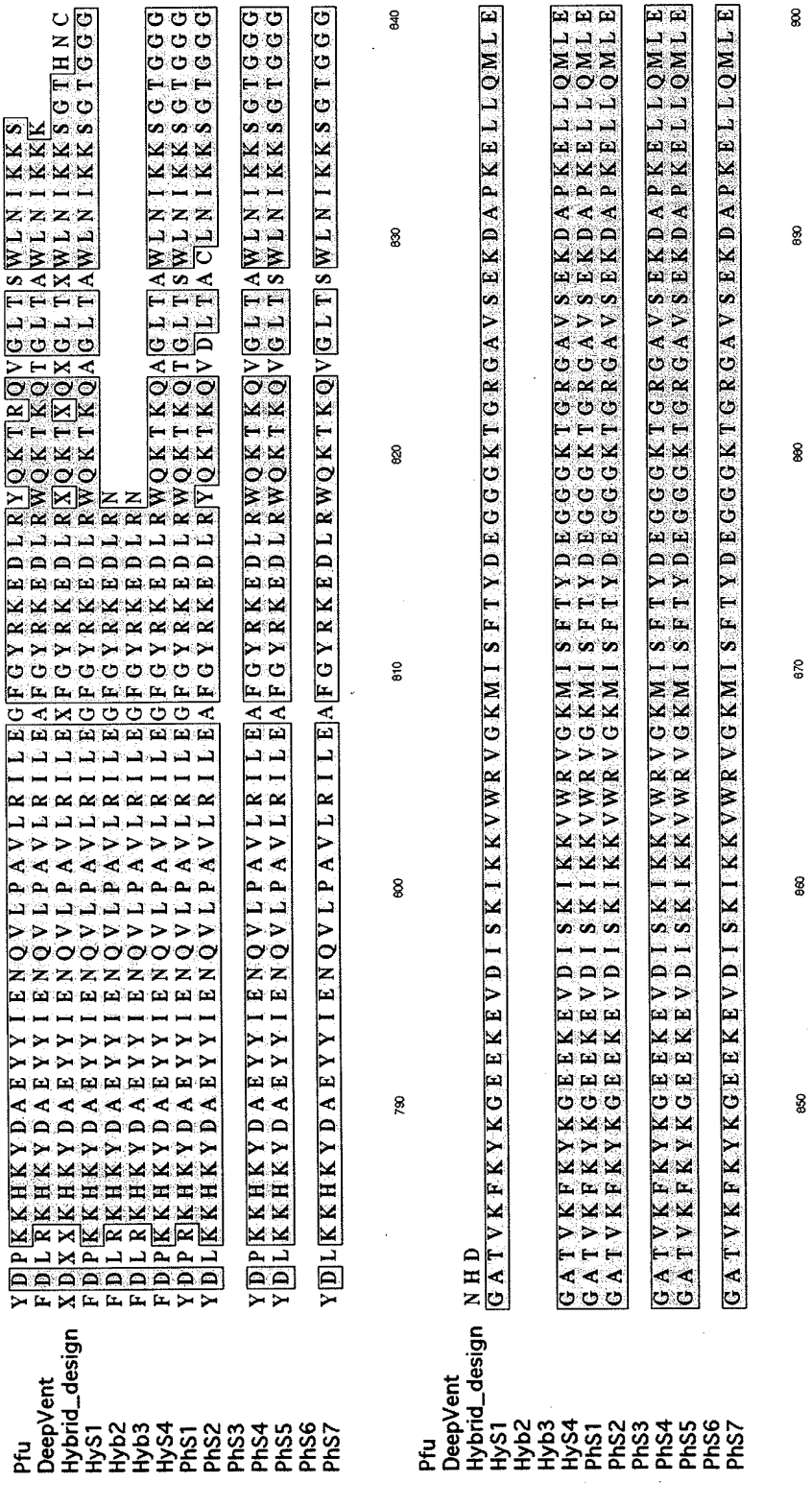


Figure 5 (cont'd)



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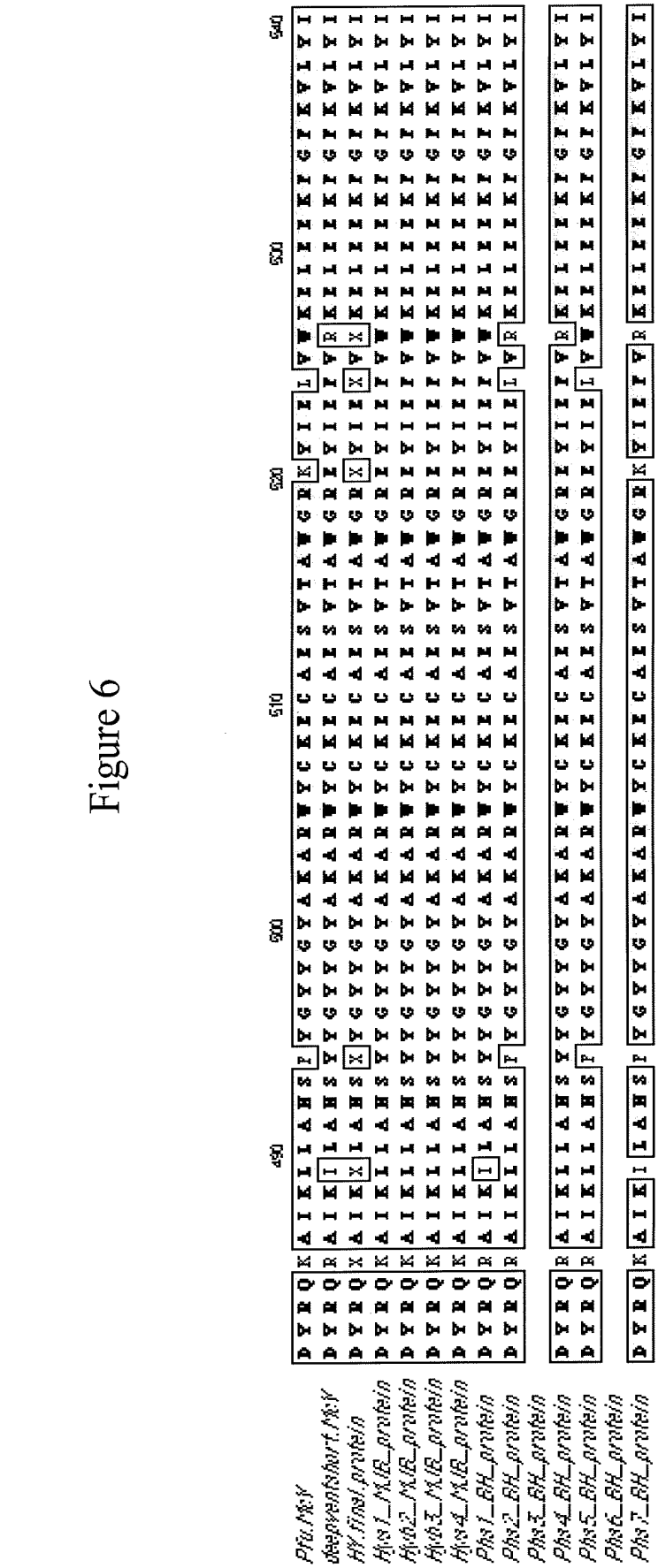
Figure 6